Janne T Ruokolainen

List of Publications by Year
in descending order

255	14,616	23879	27587
papers	citations	60 h-index	110 g-index

265	265	265	17597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A concise review on the cultivation of microalgal biofilms for biofuel feedstock production. Biomass Conversion and Biorefinery, 2024, 14, 7219-7236.	2.9	8
2	Interplay of gut microbiota and oxidative stress: Perspective on neurodegeneration and neuroprotection. Journal of Advanced Research, 2022, 38, 223-244.	4.4	86
3	Re-establishing the comprehension of phytomedicine and nanomedicine in inflammation-mediated cancer signaling. Seminars in Cancer Biology, 2022, 86, 1086-1104.	4.3	25
4	Molecular mechanisms of developmental pathways in neurological disorders: a pharmacological and therapeutic review. Open Biology, 2022, 12, 210289.	1.5	12
5	High precision pulp-based sacrificial molds: A solution towards mass production of hollow ceramic spheres for deep sea applications. Ceramics International, 2022, 48, 8235-8244.	2.3	2
6	Molecular Insights into Therapeutic Potentials of Hybrid Compounds Targeting Alzheimerâ€™s Disease. Molecular Neurobiology, 2022, 59, 3512-3528.	1.9	15
7	Mechanistic role of HPV-associated early proteins in cervical cancer: Molecular pathways and targeted therapeutic strategies. Critical Reviews in Oncology/Hematology, 2022, 174, 103675.	2.0	44
8	Specific targeting cancer cells with nanoparticles and drug delivery in cancer therapy. Seminars in Cancer Biology, 2021, 69, 166-177.	4.3	197
9	Cellulose dissolution in aqueous NaOHâ€“ZnO: cellulose reactivity and the role of ZnO. Cellulose, 2021, 28, 1267-1281.	2.4	11
10	Benzene tricarboxamide derivatives with lipid and ethylene glycol chains self-assemble into distinct nanostructures driven by molecular packing. Chemical Communications, 2021, 57, 8360-8363.	2.2	4
11	One-step microfluidics production of enzyme-loaded liposomes for the treatment of inflammatory diseases. Colloids and Surfaces B: Biointerfaces, 2021, 199, 111556.	2.5	23
12	The <scp>FBXW7â€NOTCH interactome</scp>: A ubiquitin proteasomal systemâ€induced crosstalk modulating oncogenic transformation in human tissues. Cancer Reports, 2021, 4, e1369.	0.6	12
13	A Comparative Cross-Platform Meta-Analysis to Identify Potential Biomarker Genes Common to Endometriosis and Recurrent Pregnancy Loss. Applied Sciences (Switzerland), 2021, 11, 3349.	1.3	1
14	Oxidative Stress in Cancer Cell Metabolism. Antioxidants, 2021, 10, 642.	2.2	231
15	miRNAs in SARS-CoV 2: A Spoke in the Wheel of Pathogenesis. Current Pharmaceutical Design, 2021, 27, 1628-1641.	0.9	33
16	Wastewater Treatment and Reuse: a Review of its Applications and Health Implications. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	126
17	Environmental Factors-Induced Oxidative Stress: Hormonal and Molecular Pathway Disruptions in Hypogonadism and Erectile Dysfunction. Antioxidants, 2021, 10, 837.	2.2	28
18	Infrared photo-induced force microscopy unveils nanoscale features of Norway spruce fibre wall. Cellulose, 2021, 28, 7295-7309.	2.4	7

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19	Vitamin K2 Modulates Organelle Damage and Tauopathy Induced by Streptozotocin and Menadione in SH-SY5Y Cells. Antioxidants, 2021, 10, 983.	2.2	6
20	Scavenging Properties of Plant-Derived Natural Biomolecule Para-Coumaric Acid in the Prevention of Oxidative Stress-Induced Diseases. Antioxidants, 2021, 10, 1205.	2.2	27
21	Phytomedicines Targeting Cancer Stem Cells: Therapeutic Opportunities and Prospects for Pharmaceutical Development. Pharmaceuticals, 2021, 14, 676.	1.7	13
22	Self-Assembly of Angiotensin-Converting Enzyme Inhibitors Captopril and Lisinopril and Their Crystal Structures. Langmuir, 2021, 37, 9170-9178.	1.6	2
23	Total Stromal Fraction (TSF) - Fortified Adipose tissue-derived Stem Cells Source: An Emerging Regenerative Realm Against COVID-19 Induced Pulmonary Compromise. Coronaviruses, 2021, 02, .	0.2	0
24	Recent Advances in Cardiac Tissue Engineering for the Management of Myocardium Infarction. Cells, 2021, 10, 2538.	1.8	19
25	Hypoxia-targeted cupric-tirapazamine liposomes potentiate radiotherapy in prostate cancer spheroids. International Journal of Pharmaceutics, 2021, 607, 121018.	2.6	11
26	Alpha helical surfactant-like peptides self-assemble into pH-dependent nanostructures. Soft Matter, 2021, 17, 3096-3104.	1.2	13
27	Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Neurological Impairments and Manifestations. Journal of Molecular Neuroscience, 2021, 71, 2192-2209.	1.1	89
28	Model self-assembling arginine-based tripeptides show selective activity against Pseudomonas bacteria. Chemical Communications, 2020, 56, 615-618.	2.2	14
29	Hybrid red blood cell membrane coated porous silicon nanoparticles functionalized with cancer antigen induce depletion of T cells. RSC Advances, 2020, 10, 35198-35205.	1.7	10
30	Evaluation of the effects of nanoprecipitation process parameters on the size and morphology of poly(ethylene oxide)-block-polycaprolactone nanostructures. International Journal of Pharmaceutics, 2020, 590, 119900.	2.6	7
31	Lignans in Knotwood of Norway Spruce: Localisation with Soft X-ray Microscopy and Scanning Transmission Electron Microscopy with Energy Dispersive X-ray Spectroscopy. Molecules, 2020, 25, 2997.	1.7	7
32	Nanoparticulate RNA delivery systems in cancer. Cancer Reports, 2020, 3, e1271.	0.6	15
33	Molecular mechanisms of interplay between autophagy and metabolism in cancer. Life Sciences, 2020, 259, 118184.	2.0	8
34	Metabolic regulation in HPV associated head and neck squamous cell carcinoma. Life Sciences, 2020, 258, 118236.	2.0	17
35	Deciphering the SSR incidences across viral members of Coronaviridae family. Chemico-Biological Interactions, 2020, 331, 109226.	1.7	5
36	Encapsulated doxorubicin crystals influence lysolipid temperature-sensitive liposomes release and therapeutic efficacy in vitro and in vivo. Journal of Controlled Release, 2020, 328, 665-678.	4.8	14

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37	Peptide nanotubes self-assembled from leucine-rich alpha helical surfactant-like peptides. Chemical Communications, 2020, 56, 11977-11980.	2.2	10
38	All-in-one microfluidic assembly of insulin-loaded pH-responsive nano-in-microparticles for oral insulin delivery. Biomaterials Science, 2020, 8, 3270-3277.	2.6	28
39	Chain-End Modifications and Sequence Arrangements of Antimicrobial Peptoids for Mediating Activity and Nano-Assembly. Frontiers in Chemistry, 2020, 8, 416.	1.8	17
40	Self-Assembly of Minimal Peptoid Sequences. ACS Macro Letters, 2020, 9, 494-499.	2.3	21
41	Liposome-Templated Indocyanine Green J- Aggregates for In Vivo Near Infrared Imaging and Stable Photothermal Heating. Nanotheranostics, 2020, 4, 91-106.	2.7	36
42	Self-Assembly, Nematic Phase Formation, and Organocatalytic Behavior of a Proline-Functionalized Lipopeptide. ACS Applied Materials & Interfaces, 2020, 12, 13671-13679.	4.0	14
43	Plant-Derived Natural Biomolecule Picein Attenuates Menadione Induced Oxidative Stress on Neuroblastoma Cell Mitochondria. Antioxidants, 2020, 9, 552.	2.2	18
44	Amphipathic design dictates self-assembly, cytotoxicity and cell uptake of arginine-rich surfactant-like peptides. Journal of Materials Chemistry B, 2020, 8, 2495-2507.	2.9	30
45	Selective Antibacterial Activity and Lipid Membrane Interactions of Arginine-Rich Amphiphilic Peptides. ACS Applied Bio Materials, 2020, 3, 1165-1175.	2.3	40
46	Alzheimer's disease-like perturbations in HIV-mediated neuronal dysfunctions: understanding mechanisms and developing therapeutic strategies. Open Biology, 2020, 10, 200286.	1.5	19
47	Restructuring of Lipid Membranes by an Arginine-Capped Peptide Bolaamphiphile. Langmuir, 2019, 35, 1302-1311.	1.6	20
48	Self-Assembly, Tunable Hydrogel Properties, and Selective Anti-Cancer Activity of a Carnosine-Derived Lipidated Peptide. ACS Applied Materials & Interfaces, 2019, 11, 33573-33580.	4.0	42
49	Investigation of Precise Molecular Mechanistic Action of Tobacco-Associated Carcinogen `NNKÂ´ Induced Carcinogenesis: A System Biology Approach. Genes, 2019, 10, 564.	1.0	7
50	Self-Assembly of a Catalytically Active Lipopeptide and Its Incorporation into Cubosomes. ACS Applied Bio Materials, 2019, 2, 3639-3647.	2.3	15
51	Preparation of membrane-mimicking lamellar structures by molecular confinement of hybrid nanocomposites. Chemical Communications, 2019, 55, 2900-2903.	2.2	8
52	RAGE Exacerbate Amyloid Beta (AÎ²) Induced Alzheimer Pathology: A Systemic Overview. Environmental Science and Engineering, 2019, , 159-170.	0.1	3
53	Antibacterial polymer fibres by rosin compounding and melt-spinning. Materials Today Communications, 2019, 20, 100527.	0.9	15
54	Self-Assembly, Antimicrobial Activity, and Membrane Interactions of Arginine-Capped Peptide Bola-Amphiphiles. ACS Applied Bio Materials, 2019, 2, 2208-2218.	2.3	30

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55	Melanin production by tyrosinase activity on a tyrosine-rich peptide fragment and pH-dependent self-assembly of its lipidated analogue. Organic and Biomolecular Chemistry, 2019, 17, 4543-4553.	1.5	12
56	Cellulose elementary fibril orientation in the spruce S1-2 transition layer. Scientific Reports, 2019, 9, 3869.	1.6	15
57	Peptide-Stabilized Emulsions and Gels from an Arginine-Rich Surfactant-like Peptide with Antimicrobial Activity. ACS Applied Materials & Interfaces, 2019, 11, 9893-9903.	4.0	56
58	Self-Assembly of Lipopeptides Containing Short Peptide Fragments Derived from the Gastrointestinal Hormone PYY_{3â€“36}: From Micelles to Amyloid Fibrils. Journal of Physical Chemistry B, 2019, 123, 614-621.	1.2	20
59	Harmonic analysis of surface instability patterns on colloidal particles. Soft Matter, 2018, 14, 3387-3396.	1.2	18
60	On the scent of an animal skin: new evidence on Corded Ware mortuary practices in Northern Europe. Antiquity, 2018, 92, 118-131.	0.5	12
61	Ugi multicomponent reaction to prepare peptideâ€“peptoid hybrid structures with diverse chemical functionalities. Polymer Chemistry, 2018, 9, 482-489.	1.9	30
62	Self-Assembly of Telechelic Tyrosine End-Capped PEO Star Polymers in Aqueous Solution. Biomacromolecules, 2018, 19, 167-177.	2.6	8
63	Effect of the Electron Transport Layer on the Interfacial Energy Barriers and Lifetime of R2R Printed Organic Solar Cell Modules. ACS Applied Energy Materials, 2018, 1, 5977-5985.	2.5	11
64	Conformation and Aggregation of Selectively PEGylated and Lipidated Gastric Peptide Hormone Human PYY_{3â€“36}. Biomacromolecules, 2018, 19, 4320-4332.	2.6	17
65	Multifunctional Stimuli-Responsive Cellulose Nanocrystals via Dual Surface Modification with Genetically Engineered Elastin-Like Polypeptides and Poly(acrylic acid). ACS Macro Letters, 2018, 7, 646-650.	2.3	21
66	The Effect of Lipidation on the Self-Assembly of the Gut-Derived Peptide Hormone PYY_{3â€“36}. Bioconjugate Chemistry, 2018, 29, 2296-2308.	1.8	31
67	Arginine-Containing Surfactant-Like Peptides: Interaction with Lipid Membranes and Antimicrobial Activity. Biomacromolecules, 2018, 19, 2782-2794.	2.6	54
68	Sequence length dependence in arginine/phenylalanine oligopeptides: Implications for self-assembly and cytotoxicity. Biophysical Chemistry, 2018, 233, 1-12.	1.5	29
69	Cellulose Elementary Fibrils Assemble into Helical Bundles in S₁ Layer of Spruce Tracheid Wall. Biomacromolecules, 2017, 18, 374-378.	2.6	16
70	Self-assembly of ultra-small micelles from amphiphilic lipopeptoids. Chemical Communications, 2017, 53, 2178-2181.	2.2	33
71	Shear Alignment of Bola-Amphiphilic Arginine-Coated Peptide Nanotubes. Biomacromolecules, 2017, 18, 141-149.	2.6	42
72	Supramolecular Hydrogel Formation in a Series of Self-Assembling Lipopeptides with Varying Lipid Chain Length. Biomacromolecules, 2017, 18, 2013-2023.	2.6	28

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73	Hybrid membrane biomaterials from self-assembly in polysaccharide and peptide amphiphile mixtures: controllable structural and mechanical properties and antimicrobial activity. RSC Advances, 2017, 7, 8366-8375.	1.7	24
74	Chiral organocatalysts based on lipopeptide micelles for aldol reactions in water. Physical Chemistry Chemical Physics, 2017, 19, 1181-1189.	1.3	34
75	Effect of temperature, water content and free fatty acid on reverse micelle formation of phospholipids in vegetable oil. Colloids and Surfaces B: Biointerfaces, 2017, 160, 355-363.	2.5	50
76	The Origin of Hierarchical Structure Formation in Highly Grafted Symmetric Supramolecular Doubleâ€Comb Diblock Copolymers. Macromolecular Rapid Communications, 2017, 38, 1700288.	2.0	8
77	Minimizing structural deformation of gold nanorods in plasmon-enhanced dye-sensitized solar cells. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	3
78	Selfâ€Assembly of the Cyclic Lipopeptide Daptomycin: Spherical Micelle Formation Does Not Depend on the Presence of Calcium Chloride. ChemPhysChem, 2016, 17, 2118-2122.	1.0	32
79	Structural behaviour and gene delivery in complexes formed between DNA and arginine-containing peptide amphiphiles. Soft Matter, 2016, 12, 9158-9169.	1.2	23
80	Celluloseâ€Nanokristalle in hoher Ausbeute durch Abbau und Kristallisation von Cellulose mittels gasfÃ¶rmigem Chlorwasserstoff. Angewandte Chemie, 2016, 128, 14671-14674.	1.6	5
81	Hierarchical Layer Engineering Using Supramolecular Doubleâ€Comb Diblock Copolymers. Angewandte Chemie, 2016, 128, 13275-13279.	1.6	0
82	Hierarchical Layer Engineering Using Supramolecular Doubleâ€Comb Diblock Copolymers. Angewandte Chemie - International Edition, 2016, 55, 13081-13085.	7.2	18
83	Nanosheet Formation by an Anionic Surfactant-like Peptide and Modulation of Self-Assembly through Ionic Complexation. Langmuir, 2016, 32, 10387-10393.	1.6	23
84	Aqueous Self-Assembly of a Protein-Mimetic Ampholytic Block Copolypeptide. Macromolecules, 2016, 49, 5494-5501.	2.2	31
85	Degradation and Crystallization of Cellulose in Hydrogen Chloride Vapor for Highâ€Yield Isolation of Cellulose Nanocrystals. Angewandte Chemie - International Edition, 2016, 55, 14455-14458.	7.2	123
86	Stealth Amphiphiles: Self-Assembly of Polyhedral Boron Clusters. Langmuir, 2016, 32, 6713-6722.	1.6	69
87	Self-Assembly of the Toll-Like Receptor Agonist Macrophage-Activating Lipopeptide MALP-2 and of Its Constituent Peptide. Biomacromolecules, 2016, 17, 631-640.	2.6	23
88	Cation-sensitive compartmentalization in metallacarborane containing polymer nanoparticles. RSC Advances, 2016, 6, 9884-9892.	1.7	16
89	Self-Assembly of Telechelic Tyrosine End-Capped PEO and Poly(alanine) Polymers in Aqueous Solution. Biomacromolecules, 2016, 17, 1186-1197.	2.6	10
90	From Mannose to Small Amphiphilic Polyol: Perfect Linearity Leads To Spontaneous Aggregation. Crystal Growth and Design, 2016, 16, 655-661.	1.4	11

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91	When block copolymer self-assembly in hierarchically ordered honeycomb films depicts the breath figure process. Soft Matter, 2016, 12, 790-797.	1.2	24
92	A self-assembling fluorescent dipeptide conjugate for cell labelling. Colloids and Surfaces B: Biointerfaces, 2016, 137, 104-108.	2.5	15
93	Self-assembly of a dual functional bioactive peptide amphiphile incorporating both matrix metalloprotease substrate and cell adhesion motifs. Soft Matter, 2015, 11, 3115-3124.	1.2	20
94	Self-assembly pathway of peptide nanotubes formed by a glutamatic acid-based bolaamphiphile. Chemical Communications, 2015, 51, 11634-11637.	2.2	44
95	Self-Assembly and Collagen-Stimulating Activity of a Peptide Amphiphile Incorporating a Peptide Sequence from Lumican. Langmuir, 2015, 31, 4490-4495.	1.6	33
96	Self-assembly of the anti-fungal polyene amphotericin B into giant helically-twisted nanotapes. Chemical Communications, 2015, 51, 17680-17683.	2.2	2
97	Complexation-Driven Mutarotation in Poly(l-proline) Block Copolypeptides. Biomacromolecules, 2015, 16, 3686-3693.	2.6	3
98	Self-Assembled Arginine-Capped Peptide Bolaamphiphile Nanosheets for Cell Culture and Controlled Wettability Surfaces. Biomacromolecules, 2015, 16, 3180-3190.	2.6	49
99	Cannabinoid antagonist in nanostructured lipid carriers (NLCs): design, characterization and in vivo study. Materials Science and Engineering C, 2015, 48, 328-336.	3.8	43
100	Interactions between lipid-free apolipoprotein-AI and a lipopeptide incorporating the RGDS cell adhesion motif. Nanoscale, 2015, 7, 171-178.	2.8	2
101	Transmission electron microscopy for wood and fiber analysis â€“ A Review. BioResources, 2015, 10, 6230-6261.	0.5	31
102	Molecular Engineering of Fracture Energy Dissipating Sacrificial Bonds Into Cellulose Nanocrystal Nanocomposites. Angewandte Chemie - International Edition, 2014, 53, 5049-5053.	7.2	49
103	Halogen-bonded mesogens direct polymer self-assemblies up to millimetre length scale. Nature Communications, 2014, 5, 4043.	5.8	66
104	Toll-like receptor agonist lipopeptides self-assemble into distinct nanostructures. Chemical Communications, 2014, 50, 15948-15951.	2.2	55
105	Compartmentalization in Hybrid Metallacarborane Nanoparticles Formed by Block Copolymers with Star-Like Architecture. ACS Macro Letters, 2014, 3, 1151-1155.	2.3	7
106	Wetting behaviour and direct observation of thermally responsive polystyrene-block -poly(N -isopropylacrylamide)-block -polystyrene electrospun fibres in aqueous environment. Polymer International, 2014, 63, 37-43.	1.6	8
107	Extended Self-Assembled Long Periodicity and Zig-Zag Domains from Helixâ€“Helix Diblock Copolymer Poly(Î³-benzyl-<scp>l</scp>-glutamate)-block-poly(O-benzyl-<scp>l</scp>-hydroxyproline). Biomacromolecules, 2014, 15, 3923-3930.	2.6	20
108	Self-Assembly of a Model Peptide Incorporating a Hexa-Histidine Sequence Attached to an Oligo-Alanine Sequence, and Binding to Gold NTA/Nickel Nanoparticles. Biomacromolecules, 2014, 15, 3412-3420.	2.6	24

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109	Tuning Chelation by the Surfactant-Like Peptide A₆H Using Predetermined pH Values. Biomacromolecules, 2014, 15, 591-598.	2.6	23
110	Alanine-rich amphiphilic peptide containing the RGD cell adhesion motif: a coating material for human fibroblast attachment and culture. Biomaterials Science, 2014, 2, 362-369.	2.6	40
111	Influence of elastase on alanine-rich peptide hydrogels. Biomaterials Science, 2014, 2, 867-874.	2.6	20
112	Accessibility of Cell Wall Lignin in Solvent Extraction of Ultrathin Spruce Wood Sections. ACS Sustainable Chemistry and Engineering, 2014, 2, 804-808.	3.2	8
113	Polypeptide-Based Aerosol Nanoparticles: Self-Assembly and Control of Conformation by Solvent and Thermal Annealing. Biomacromolecules, 2014, 15, 2607-2615.	2.6	11
114	Hierarchical Self-Assembly of Symmetric Supramolecular Double-Comb Diblock Copolymers: a Comb Density Study. Macromolecules, 2014, 47, 5913-5925.	2.2	26
115	An efficient and stable star-shaped plasticizer for starch: cyclic phosphazene with hydrogen bonding aminoethoxy ethanol side chains. Green Chemistry, 2014, 16, 4339-4350.	4.6	23
116	Out-of-plane orientation of cellulose elementary fibrils on spruce tracheid wall based on imaging with high-resolution transmission electron microscopy. Planta, 2014, 240, 565-573.	1.6	24
117	Delivery of Suramin as an Antiviral Agent through Liposomal Systems. ChemMedChem, 2014, 9, 933-939.	1.6	28
118	MAGBONS: Novel Magnetically Separable Carbonaceous Nanohybrids from Porous Polysaccharides. ChemCatChem, 2014, 6, 2847-2853.	1.8	8
119	Investigation of plasmonic goldâ€“silica coreâ€“shell nanoparticle stability in dye-sensitized solar cell applications. Journal of Colloid and Interface Science, 2014, 427, 54-61.	5.0	24
120	Gels, xerogels and films of polynuclear iron(<scp>ii</scp>)â€“aminotriazole spin-crossover polymeric complexes. RSC Advances, 2014, 4, 60842-60852.	1.7	15
121	Five-fold symmetric penta-substituted corannulene with gelation properties and a liquid-crystalline phase. Chemical Communications, 2013, 49, 7204-7206.	2.2	29
122	Influence of particle size and shape on turbulent heat transfer characteristics and pressure losses in water-based nanofluids. International Journal of Heat and Mass Transfer, 2013, 61, 439-448.	2.5	69
123	Aluminum-Induced Photoluminescence Red Shifts in Coreâ€“Shell GaAs/Al_xGa_{1â€“x}As Nanowires. Nano Letters, 2013, 13, 3581-3588.	4.5	23
124	Self-assembly of three bacterially-derived bioactive lipopeptides. Soft Matter, 2013, 9, 9572.	1.2	50
125	Controlled Hydrophobic Functionalization of Natural Fibers through Selfâ€Assembly of Amphiphilic Diblock Copolymer Micelles. ChemSusChem, 2013, 6, 1203-1208.	3.6	9
126	Photoinduced surface patterning of azobenzene-containing supramolecular dendrons, dendrimers and dendronized polymers. Optical Materials Express, 2013, 3, 711.	1.6	12

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127	Hybrid Nanospheres Formed by Intermixed Double-Hydrophilic Block Copolymer Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2013, 46, 6881-6890.	2.2	28
128	Interaction between a Cationic Surfactant-like Peptide and Lipid Vesicles and Its Relationship to Antimicrobial Activity. Langmuir, 2013, 29, 14246-14253.	1.6	54
129	Self-assembly of a model amphiphilic oligopeptide incorporating an arginine headgroup. Soft Matter, 2013, 9, 4794.	1.2	43
130	Janus-Dendrimer-Mediated Formation of Crystalline Virus Assemblies. ACS Macro Letters, 2013, 2, 720-724.	2.3	39
131	Processable polyaniline suspensions through in situ polymerization onto nanocellulose. European Polymer Journal, 2013, 49, 335-344.	2.6	107
132	Synthesis and biomimetic mineralization of <scp>l</scp>â€proline substituted polyphosphazenes as bulk and nanofiber. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 1318-1327.	2.4	4
133	Thermo-responsive peptide-based triblock copolymer hydrogels. Soft Matter, 2013, 9, 4304.	1.2	18
134	Reversible helical unwinding transition of a self-assembling peptide amphiphile. Soft Matter, 2013, 9, 9290.	1.2	77
135	Hierarchical Self-Assembly in Supramolecular Double-Comb Diblock Copolymer Complexes. Macromolecules, 2013, 46, 500-517.	2.2	25
136	Self-assembly of PS-b-P4VP block copolymers of varying architectures in aerosol nanospheres. Soft Matter, 2013, 9, 1492-1499.	1.2	31
137	Electrostatic assembly of binary nanoparticle superlattices using protein cages. Nature Nanotechnology, 2013, 8, 52-56.	15.6	332
138	Nanofibrillated cellulose/carboxymethyl cellulose composite with improved wet strength. Cellulose, 2013, 20, 1459-1468.	2.4	71
139	Coreâ€“shell designs of photoluminescent nanodiamonds with porous silica coatings for bioimaging and drug delivery I: fabrication. Journal of Materials Chemistry B, 2013, 1, 2358.	2.9	66
140	Tuning Self-Assembled Nanostructures Through Enzymatic Degradation of a Peptide Amphiphile. Langmuir, 2013, 29, 6665-6672.	1.6	44
141	Facile aqueous synthesis and stabilization of nearly monodispersed gold nanospheres by poly(<scp>L</scp>â€proline). Journal of Polymer Science Part A, 2013, 51, 1448-1456.	2.5	16
142	Double Gyroid Network Morphology in Supramolecular Diblock Copolymer Complexes. Macromolecules, 2012, 45, 3503-3512.	2.2	47
143	Hierarchical Structures of Hydrogen-Bonded Liquid-Crystalline Side-Chain Diblock Copolymers in Nanoparticles. Macromolecules, 2012, 45, 8743-8751.	2.2	17
144	Thermally Sensitive Block Copolymer Particles Prepared via Aerosol Flow Reactor Method: Morphological Characterization and Behavior in Water. Macromolecules, 2012, 45, 8401-8411.	2.2	18

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145	Hierarchical Structures in Lamellar Hydrogen Bonded LC Side Chain Diblock Copolymers. Macromolecules, 2012, 45, 7091-7097.	2.2	39
146	Microstructural and Swelling Properties of Ca and Na Montmorillonite: (In Situ) Observations with Cryo-TEM and SAXS. Journal of Physical Chemistry C, 2012, 116, 7596-7601.	1.5	71
147	Thermoreversible Gelâ€“Sol Behavior of Rodâ€“Coilâ€“Rod Peptide-Based Triblock Copolymers. Macromolecules, 2012, 45, 1982-1990.	2.2	53
148	Comparison of Multilayer Formation Between Different Cellulose Nanofibrils and Cationic Polymers. Journal of Colloid and Interface Science, 2012, 373, 84-93.	5.0	47
149	Performance and early applications of a versatile double aberration-corrected JEOL-2200FS FEG TEM/STEM at Aalto University. Micron, 2012, 43, 545-550.	1.1	13
150	Photoresponsive Reversible Aggregation and Dissolution of Rodâ€“Coil Polypeptide Diblock Copolymers. Macromolecules, 2011, 44, 4569-4573.	2.2	124
151	Colloidal Ionic Assembly between Anionic Native Cellulose Nanofibrils and Cationic Block Copolymer Micelles into Biomimetic Nanocomposites. Biomacromolecules, 2011, 12, 2074-2081.	2.6	78
152	Dual-responsive and super absorbing thermally cross-linked hydrogel based on methacrylate substituted polyphosphazene. Soft Matter, 2011, 7, 4414.	1.2	41
153	Polyelectrolyte Brushes Grafted from Cellulose Nanocrystals Using Cu-Mediated Surface-Initiated Controlled Radical Polymerization. Biomacromolecules, 2011, 12, 2997-3006.	2.6	155
154	Strong Nanocomposite Reinforcement Effects in Polyurethane Elastomer with Low Volume Fraction of Cellulose Nanocrystals. Macromolecules, 2011, 44, 4422-4427.	2.2	365
155	Enhanced mechanical and electrical properties of polyimide film by graphene sheets via in situ polymerization. Polymer, 2011, 52, 5237-5242.	1.8	213
156	Graphene/cellulose nanocomposite paper with high electrical and mechanical performances. Journal of Materials Chemistry, 2011, 21, 13991.	6.7	240
157	Health and environmental safety aspects of friction grinding and spray drying of microfibrillated cellulose. Cellulose, 2011, 18, 775-786.	2.4	257
158	Surface functionalization of nanofibrillated cellulose using click-chemistry approach in aqueous media. Cellulose, 2011, 18, 1201.	2.4	83
159	The behaviour of cationic NanoFibrillar Cellulose in aqueous media. Cellulose, 2011, 18, 1213-1226.	2.4	123
160	In situ polymerized nanocomposites: Polystyrene/CNT and Poly(methyl methacrylate)/CNT composites. Composites Science and Technology, 2011, 71, 900-907.	3.8	85
161	Lewis acidic polypropylene for compatibilization of polypropylene/microsilica composites. Polymer Composites, 2011, 32, 1835-1841.	2.3	2
162	Nanoporous Network Channels from Selfâ€Assembled Triblock Copolymer Supramolecules. Macromolecular Rapid Communications, 2011, 32, 366-370.	2.0	37

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163	Photoswitchable Superabsorbency Based on Nanocellulose Aerogels. Advanced Functional Materials, 2011, 21, 510-517.	7.8	240
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